



PATENT
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In re Application of: Donna L. MENDRICK *et al.*)

Application No.: 09/917,800) Group Art Unit: 1631

Filed: July 31, 2001) Examiner: Cheyne D. Ly

For: MOLECULAR TOXICOLOGY MODELING)

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INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(b)

Pursuant to 37 C.F.R. 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449 form. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application. Accordingly, Applicants do not believe that a fee is due for filing this paper.

A copy of the listed documents is attached. Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such document.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

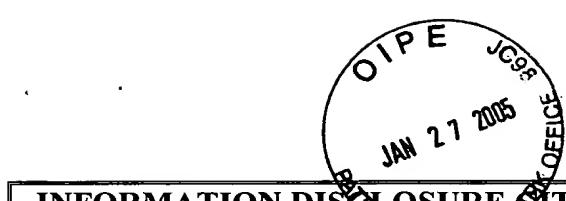
Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR EXTENSION OF TIME** in accordance with 37 C.F.R. §1.136(a)(3).

Respectfully submitted,
MORGAN, LEWIS & BOCKIUS LLP

Dated: **January 27, 2005**

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| (Use several sheets if necessary) | | Applicant: Donna Mendrick et al. | |
| PTO Form 1449 | | Filing Date: 07/31/2001 | Group Art Unit: 1631 |
| OTHER DOCUMENTS | | | |
| 1. | A. Castle, <i>et al.</i> , (2003), "Effects of Multiple Cardiac Apex Necrosis Agents on Genome Wide Expression," <i>Society of Toxicology Meeting 2003</i> , (2003) Abstract only | | |
| 2. | A. Castle, <i>et al.</i> , (2004), "Apex Necrosis," <i>Society of Toxicology Meeting 2004</i> , (2004) | | |
| 3. | A. Luhe, <i>et al.</i> , (2002), "A New Approach to Studying Ochratoxin A (OTA)-Induced Nephrotoxicity: Expression Profiling <i>in Vivo</i> and <i>in Vitro</i> Employing cDNA Microarrays," <i>Toxicol. Sciences</i> , 73:315-328, (2003) | | |
| 4. | A.E.M.F. Soffers, <i>et al.</i> , (2001), "Computer-modeling-based QSARs for analyzing experimental data on biotransformation and toxicity," <i>Toxic. In Vitro</i> , 15:539-551 (2001) | | |
| 5. | A.L. Castle, <i>et al.</i> , (2002), "Liver Toxicity Prediction and Classification Using Microarray Data: Application of Reference Date-Trained Models to Customers' Data Sets," <i>Society of Toxicology Meeting 2002</i> , (2002) | | |
| 6. | Aardema and MacGregor, (2001), "Toxicology and genetic toxicology in the new era of "toxicogenomics": impact of "-omics" technologies," <i>Mutation Res.</i> , 499:13-25, (2002) | | |
| 7. | Ala-Kokko, <i>et al.</i> , (1987), "Gene expression of type I, III and IV collagens in hepatic fibrosis induced by dimethylnitrosamine in the rat," <i>Biochem. J.</i> , 244: 75-79, (1987) | | |
| 8. | B. Higgs, <i>et al.</i> , (2003), "Effects of Rat Gender and Strain on Elucidating Liver Toxicity," <i>Society of Toxicology Meeting 2003</i> , (2003) Abstract only | | |
| 9. | B. Higgs, <i>et al.</i> , (2004), "Effects of Rat Gender and Strain on Elucidating Liver Toxicity," <i>Society of Toxicology Meeting 2004</i> , (2004) | | |
| 10. | Bandara, <i>et al.</i> , (2002), "A Correlation between a Proteomic Evaluation and Conventional Measurements in the Assessment of Renal Proximal Tubular Toxicity," <i>Toxicol. Sci.</i> , 73:195-206, (2003) | | |
| 11. | Bissig <i>et al.</i> , (1994), <i>J Biol Chem</i> 269(4):3017-3021 | | |
| 12. | Boess, <i>et al.</i> , (2002), "Gene Expression in Two Hepatic Cell Lines Cultured Primary Hepatocytes, and Liver Slices Compared to the <i>in Vivo</i> Liver Gene Expression in Rats: Possible Implications for Toxicogenomics Use of <i>in Vitro</i> Systems," <i>Toxicological Sciences</i> , 73: 386-402 (2003) | | |
| 13. | Boess, <i>et al.</i> , (2002), "Gene Expression in Two Hepatic Cell Lines, Cultured Primary Hepatocytes, and Liver Slices Compared to the <i>in Vivo</i> Liver Gene Expression in Rats: Possible Implications for Toxicogenomics Use of <i>in Vitro</i> Systems," <i>Toxicol. Sciences</i> , 73:386-403, (2003) | | |
| 14. | Boon, <i>et al.</i> , (2002), "An anatomy of normal and malignant gene expression," <i>Proc. Natl. Acad. Sci. USA</i> , 99(17):11287-11292, (2002) | | |
| 15. | Browne, <i>et al.</i> , (2002), "Chemogenomics-pharmacology with genomics tools," <i>Targets</i> , 1(2):59-65 (2002) | | |
| 16. | Burczynski (Editor), (2003), "An Introduction to Toxicogenomics," <i>Wyeth Research, Andover, Massachusetts</i> , CRC Press pp. 226-259 (Pub. 2003) | | |
| 17. | Burris, Hicken and Farr, (1999), "Utilizing Gene-Induction Measurements," <i>Genetic Engineering News</i> , 5/1/1999, pp. 42-43, (1999) | | |
| 18. | C. Sprankle, <i>et al.</i> , (1995), "Levels of <i>myc</i> , <i>fox</i> , <i>Ha-ras</i> , <i>met</i> and hepatocyte growth factor mRNA during regenerative cell proliferation in female mouse liver and male rat kidney after a cytotoxic dose of chloroform," <i>Cancer Letters</i> , 101:97-106, (1996) | | |
| 19. | Castle, Carver & Mendrick, (2002), "Toxicogenomics: a new revolution in drug safety," <i>Drug Disc. Today</i> , 7(13):728-736, (2002) | | |
| 20. | Chen, <i>et al.</i> , (2001), "Genetic Events Associated with Arsenic-Induced Malignant Transformation: Applications of cDNA Microarray Technology," <i>Mol. Carcinog.</i> , 30:79-87 (2001) | | |

| INFORMATION DISCLOSURE STATEMENT & TRADEMARK OFFICE | | | Attorney Docket 44921-5038 | Application No. 09/917,800 |
|--|---|--|---|----------------------------|
| (Use several sheets if necessary) | | | Applicant: Donna Mendrick et al. | |
| PTO Form 1449 | | | Filing Date: 07/31/2001 | Group Art Unit: 1631 |
| 21. | D. Mendrick, (2004), "Discovery of Relevant Biomarkers for Nonclinical and Clinical Applications," <i>American College of Toxicology Meeting 11/8/04</i> , (2004) | | | |
| 22. | D. Mendrick, (2004), "Role of gene expression studies in nonclinical toxicogenomics," <i>PhRMA/FDA Genomics (Microarray) Biostatistics Workshop</i> , (2004) | | | |
| 23. | D.L. Mendrick, (2002), "ToxExpress™," <i>FDA-DIA Pharmacogenomics Workshop 5/02</i> , (2002) | | | |
| 24. | D.L. Mendrick, <i>et al.</i> , (2002), "Cross compound predictions and pathway analysis using gene expression profiles from acetaminophen or carbon tetrachloride, two structurally distinct liver toxicants," <i>Society of Toxicology Meeting 2002</i> , (2002) | | | |
| 25. | D.L. Mendrick, <i>et al.</i> , (2002), "Using Gene Markers Identified From a Large Database Built with Primary Rat Hepatocytes for Prediction of Human Hepatotoxicity," <i>Society of Toxicology Meeting 2002</i> , (2002) | | | |
| 26. | David Rejeski, (2002), "Exploring the Genomics Frontier," <i>Risk Policy Report</i> , pp. 1-5, (2002) | | | |
| 27. | Demeule, Brossard and Beliveau, (1999), "Cisplatin induces renal expression of P-glycoprotein and canalicular multispecific organic anion transporter," <i>Am J Physiol Renal Physiol</i> , 277 : F832-F840, (1999) | | | |
| 28. | Diez-Fernandez, <i>et al.</i> , (1996), "Changes in Glucose-6-Phosphate Dehydrogenase and Malic Enzyme Gene Expression in Acute Hepatic Injury Induced by Thioacetamide," <i>Biochem. Pharmacol.</i> , 51 :1159-1163 (1996) | | | |
| 29. | Eikmans, <i>et al.</i> , (2002), "RNA expression profiling as prognostic tool in renal patients: Toward nephrogenomics," <i>Kidney Int'l</i> , 62 :1125-1135 (2002) | | | |
| 30. | Evans & Relling, (1999), "Pharmacogenomics: Translating Functional Genomics into Relational Therapeutics," <i>Science</i> , 286 :487-491, (1999) | | | |
| 31. | G. Gobe, <i>et al.</i> , (1999), "Relationship between Expression of Bcl-2 Genes and Growth Factors in Ischemic Acute Renal Failure in the Rat," <i>J. Am. Soc. Nephrol.</i> , 11 :454-467, (2000) | | | |
| 32. | G. LeBlanc, <i>et al.</i> , (1991), "Platinum Anticancer Drugs Modulate P-450 mRNA Levels and Differentially Alter Hepatic Drug and Steroid Hormone Metabolism in Male and Female Rats," <i>Cancer Research</i> , 52 :540-547, (1992) | | | |
| 33. | Gallagher, <i>et al.</i> , (1994), "The Effects of Diquat and Ciprofibrate on mRNA Expression and Catalytic Activities of Hepatic Xenobiotic Metabolizing and Antioxidant Enzymes in Rat Liver," <i>Toxicol. And Appl. Pharmacol.</i> , 134 :81-91, (1995) | | | |
| 34. | Genes on Clontech Atlas Human Stress/Toxicology Array from e-mail/website dated 10/29/98 | | | |
| 35. | Gomez-Lechon, <i>et al.</i> , (2001), "Sensitive Markers Used to Identify Compounds That Trigger Apoptosis in Cultured Hepatocytes," <i>Toxicol. Sciences</i> , 65 : 299-308 (2002) | | | |
| 36. | Hamadeh, <i>et al.</i> , (2001), "Prediction of Compound Signature Using High Density Gene Expression Profiling," <i>Toxicol. Sciences</i> , 67 :232-240 (2002) | | | |
| 37. | Hartmann, <i>et al.</i> , (2002), "Inflammatory Cytokines, but Not Bile Acids, Regulate Expression of Murine Hepatic Anion Transporters in Endotoxemia," <i>J. of Pharma. And Experim. Therap.</i> , 303 :273-281, (2002) | | | |
| 38. | Henger and Kretzler, <i>et al.</i> , (2003), "Gene expression fingerprints in human tubulointerstitial inflammation and fibrosis as prognostic markers of disease progression," <i>Kiney Int'l</i> , 65 : 904-917 (2004) | | | |
| 39. | Hewitt, <i>et al.</i> , (2004), "Discovery of Protein Biomarkers for Renal Diseases," <i>J. Am. Soc. Nephrol.</i> , 15 : 1677-1689 (2004) Abstract Only | | | |
| 40. | Huang, <i>et al.</i> , (2001), "Assessment of Cisplatin-Induced Nephrotoxicity by Microarray Technology," <i>Toxicol. Sciences</i> , 63 :196-207 (2001) | | | |
| 41. | Hwang, <i>et al.</i> , (1987), "Hepatocarcinogens Induce Decrease in mRNA Transcripts of Receptors for Insulin and Epidermal Growth Factor in the Rat Liver, <i>Biochem. And Biophys. Res. Commun.</i> , 146 (1):87-93, (1987) | | | |

| INFORMATION DISCLOSURE STATEMENT | | Attorney Docket 44921-5038 | Application No. 09/917,800 |
|---|---|---|----------------------------|
| (Use several sheets if necessary) | | Applicant: Donna Mendrick et al. | |
| PTO Form 1449 | | Filing Date: 07/31/2001 | Group Art Unit: 1631 |
| 42. | Iida, <i>et al.</i> , (2003), "Changes in global gene and protein expression during early mouse liver carcinogenesis induced by non-genotoxic model carcinogens oxazepam and Wyeth-14,643," <i>Carcinogenesis</i> , 24 (4):757-770 (2003) | | |
| 43. | Jaeschke, <i>et al.</i> , (2001), "Mechanisms of Hepatotoxicity," <i>Toxicol. Sciences</i> , 65 : 166-176 (2002) | | |
| 44. | Jansen, Muller, and Sturm, (2001), "Genes and Cholestasis," <i>Hepatology</i> , 34 (6):1067-1074, (2001) | | |
| 45. | Johnson and McMillian, (2002), "Use of cDNA Microarray Analysis to Monitor Preclinical Hepatic Toxicity," <i>23rd Annual Mtg. Of the Amer. College of Toxicology</i> , p.532 (Abstract only) | | |
| 46. | Johnson and Wolfgang, (2001), "Assessing the Potential Toxicity of New Pharmaceuticals," <i>Current Topics in Med. Chem.</i> , 1 (4): 233-245 (2001) | | |
| 47. | K. Daniels, (2004), "Toxicogenomics: Database Construction, Predictive Modeling & Biomarker Discovery," <i>U.S. Army - 7th Annual Health Protection Conference</i> , (2004) Abstract only | | |
| 48. | K. Daniels, (2004), "Toxicogenomics: The Application of Gene Expression in Transforming Toxicology Screening," <i>U.S. Army Center for Health Promotion & Preventive Medicine Seminar</i> , (2004) | | |
| 49. | K. Johnson, <i>et al.</i> , (2002), "Predictive Modeling of Hepatotoxicants Using Microarrays and a Linear Discriminant Modeling Approach," <i>ISMB Conference, August 2002</i> , (2002) | | |
| 50. | K. Meyer, <i>et al.</i> , (2003), "Molecular profiling of hepatocellular carcinomas developing spontaneously in acyl-CoA oxidase deficient mice: comparison with liver tumors induced in wild-type mice by a peroxisome proliferator and a genotoxic carcinogen," <i>Carcinogenesis</i> , 24 (5):975-984, (2003) | | |
| 51. | K. Shankar, <i>et al.</i> , (2002), "PPAR- α Mediates Diabetes-Induced Resistance Against Acetaminophen Hepatotoxicity: Understanding Mechanisms via Microarray Analyses," <i>Ann. Mtg. Of the Amer. College of Toxicol.</i> , p. 526 (Abstract only) | | |
| 52. | K.T. Morgan, <i>et al.</i> , (2002), "Application of cDNA Microarray Technology to in Vitro Toxicology and the Selection of Genes for a Real-Time RT-PCR-Based Screen for Oxidative Stress in Hep-G2 Cells," <i>Toxicol. Pathol.</i> , 30 (4):435-451, (2002) | | |
| 53. | Kawamoto, <i>et al.</i> , (1996), "Expression profiles of active genes in human and mouse livers," <i>Gene</i> , 174 :151-158, (1996) | | |
| 54. | Kurota and Yamaguchi, (1995), "Suppressed expression of calcium-binding protein regucalcin mRNA in the renal cortex of rats with chemically induced kidney damage," <i>Molec. And Cell. Biochem.</i> , 151 :55-60, (1995) | | |
| 55. | Kwon, <i>et al.</i> , (1999), "Altered expression of renal AQPs and Na ⁺ transporters in rats with Lithium-induced NDI," <i>Am. J. Physiol. Renal Physiol.</i> , 279 :F552-F564, (2000) | | |
| 56. | L. Richert, <i>et al.</i> , (2003), "Effects of clofibrate acid on mRNA expression profiles in primary cultures of rat, mouse and human hepatocytes," <i>Toxicol. And Appl. Pharmacol.</i> , 191 :130-146, (2003) | | |
| 57. | Leifeld, <i>et al.</i> , (1999), "Enhanced Expression of CD80 (B7-1), CD86 (B7-2), and CD40 and Their Ligands CD28 and CD154 in Fulminant Hepatic Failure," <i>Amer. J. of Pathol.</i> , 154 (6):1711-1720, (1999) | | |
| 58. | Libman, <i>et al.</i> , (2002), "What do the FDA and Pharma Companies Think of Toxicogenomics, Genotyping, and Clinical Stratification?," <i>Robertson Stephens, Inc. Marketing Materials</i> (2002) | | |
| 59. | M. Orr, <i>et al.</i> , (2003), "Concordance of Toxicogenomic Predictions and Mechanistic Analysis for compounds Tested in Both Rat Liver and Primary Rat Hepatocytes," <i>Society of Toxicology Meeting 2003</i> , (2003), Abstract only | | |
| 60. | M. Orr, <i>et al.</i> , (2004), "Cross-species comparisons – Human and Rat," <i>Society of Toxicology Meeting 2004</i> , (2004) | | |
| 61. | M. Porter, <i>et al.</i> , (2003) "Liver Effects at the Gene Expression Level of Food-Tasting, Water Deprivation, and Anesthetic Agent Administration in Untreated Rats," <i>Society of Toxicology Meeting 2003</i> , (2003) Abstract only | | |

INFORMATION DISCLOSURE STATEMENT

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U. S. PATENT & TRADEMARK OFFICE

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|-----------------------------------|---|---|----------------------------|
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| PTO Form 1449 | | Filing Date: 07/31/2001 | Group Art Unit: 1631 |
| 62. | M. Porter, <i>et al.</i> , (2003), "Determination of biological Replicate Number for Rat and Human Microarray-Based Predictive and Mechanistic Assays," <i>Society of Toxicology Meeting 2003</i> , (2003), Abstract only | | |
| 63. | M. Porter, <i>et al.</i> , (2004) "Effects of Hydration, Fasting, and Anesthesia on Baseline Gene Expression," <i>Society of Toxicology Meeting 2004</i> , (2004) | | |
| 64. | M.J. Cunningham, (2000), "Genomics and proteomics The new millennium of drug discovery and development," <i>J. of Pharmacol. And Toxicol. Methods</i> , 44 :291-300, (2000) | | |
| 65. | M.S. Orr, <i>et al.</i> , (2002) "Microarray Analysis of NRF2 Pathway and Novel Co-Regulated Genes Induced by Acetaminophen," <i>Society of Toxicology Meeting 2002</i> , (2002) | | |
| 66. | M.S. Orr, <i>et al.</i> , (2002), "Predicting Toxicity in Two Distinct Sections of the Kidney via Microarray Analysis," <i>Society of Toxicology Meeting 2002</i> , (2002) | | |
| 67. | M.T.D. Cronin, (2001), "Prediction of drug toxicity," <i>IL Farmaco</i> , 56 :149-151, (2001) | | |
| 68. | M.W. Porter, <i>et al.</i> , (2002), "Comparison of Microarray Data Generated From the Same RNA at 19 Different Processing Sites," <i>Society of Toxicology Meeting 2002</i> , (2002) | | |
| 69. | MacGregor, <i>et al.</i> , (2000), "In Vitro Human Tissue Models in Risk Assessment: Report of a consensus-Building Workshop," <i>Toxicol. Sciences</i> , 59 :17-36 (2001) | | |
| 70. | Mark Porter, (2002), "Comparison of Microarray data generated from the same RNA at 15 different processing sites," <i>Society of Toxicology Meeting 10/03</i> , (2003) Abstract only | | |
| 71. | Marketing Materials, (2003), "Symposium on Toxicogenomics Launches New National Academies Program," <i>Emerging Issues</i> , 2 :1-7 (2003) | | |
| 72. | MDS Pharma Services Marketing Materials, (2003) "Pharmotif Solutions: Smart Decisions in Discovery and New Applications for Existing Drugs," 1-6 (2003) | | |
| 73. | Meneses-Lorente, <i>et al.</i> , (2003), "An Evaluation of a Low-Density DNA Microarray Using Cytochrome P450 Inducers," <i>Chem. Res. Toxicol.</i> , 16(9) :A-H (1070-1077), (2003) | | |
| 74. | N. Plant, <i>et al.</i> , (2001), "Differential Gene Expression in Rats Following Subacute Exposure to the Anticonvulsant Sodium Valproate," <i>Toxicol. And Applied Pharma.</i> , 183 :127-134, (2002) | | |
| 75. | Nakamura, <i>et al.</i> , (1992), "Messenger RNA Expression for Growth Factors in Glomeruli from Focal Glomerular Sclerosis," <i>Clinical Immun. And Immunopath.</i> , 66(1) :33-42, (1993) | | |
| 76. | Newsholme, <i>et al.</i> , (2000), "Two-dimensional electrophoresis of liver proteins: Characterization of a drug-induced hepatomegaly in rats," <i>Electrophoresis</i> , 21 :2122-2128, (2000) | | |
| 77. | Nuwaysir, <i>et al.</i> , (1996), "Phase II Enzyme Expression in Rat Liver in Response to the Antiestrogen Tamoxifen," <i>Cancer Research</i> , 56 : 3704-3710 (1996) | | |
| 78. | O'Brien, <i>et al.</i> , (2000), "Effects of Peroxisome Proliferators on Glutathione and Glutathione-Related Enzymes in Rats and Hamsters," <i>Toxicol. And Appl. Pharma.</i> , 171 :27-37, (2001) | | |
| 79. | Olden & Guthrie, (2000), "Genomics: implications for toxicology," <i>Mutation Research</i> , 473 :3-10, (2001) | | |
| 80. | Omiecinski, <i>et al.</i> , (1998), "Concise Review of the Cytochrome P450s and their Roles in Toxicology," <i>Toxicol. Sciences</i> , 48 :151-156, (1999) | | |
| 81. | P. Cutler, <i>et al.</i> , (1999), "An integrated proteomic approach to studying glomerular nephrotoxicity," <i>Electrophoresis</i> , 20 :3647-3658, (1999) | | |
| 82. | P.T. Simmons and C.J. Portier, (2002), "Toxicogenomics: the new frontier in risk analysis," <i>Carcinogenesis</i> , 23(6) :903-905, (2002) | | |

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JAN 27 2005
U.S. PATENT AND TRADEMARK OFFICE

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| 83. | Pennie and Kimber, (2001), "Toxicogenomics; transcript profiling and potential application to chemical allergy," <i>Toxicology in Vitro</i> , 16 : 319-326 (2002) | | |
| 84. | Petricoin III, et al., (2002), "Medical applications of microarray technologies: a regulatory science perspective," <i>Nature Genetics Supp.</i> , 32 :474-479 (2002) | | |
| 85. | R.S. Thomas, et al., (2001), "Identification of toxicologically predictive gene sets using cDNA microarrays," <i>Molecular Pharmacol.</i> , 60 (6):1189-1194, (2001) | | |
| 86. | Raats, et al., (2000), "Expression of Agrin, Dystroglycan, and Utrophin in Normal Renal Tissue and in Experimental Glomerulopathies," <i>Am. J. Pathol.</i> 156 :1749-1765 (2000) | | |
| 87. | Rusyn, et al., (2004), "Expression of Base Excision DNA Repair Genes is a Sensitive Biomarker for <i>in Vivo</i> Detection of Chemical-induced Chronic Oxidative Stress: Identification of the Molecular Source of Radicals Responsible for DNA Damage by Peroxisome Proliferators," <i>Cancer Research</i> , 64 : 1050-1057 (2004) | | |
| 88. | S. Wessely, et al., (1999), "Proceedings of the British Toxicology Society Autumn Meeting, Keble College, Oxford, 12-14 September 1999, Molecular Mechanisms, Thresholds and Risk" <i>Human & Experimental Toxicology</i> , 18 :740-764, (1999) | | |
| 89. | S.J. Bulera, et al., (2001), "RNA Expression in the Early Characterization of Hepatotoxicants in Wistar Rats by High-Density DNA Microarrays," <i>Hepatology</i> , 33 :1239-1258, (2001) | | |
| 90. | Salter and Nilsson, (2003), "Informatics and multivariate analysis of toxicogenomics data," <i>Drug Disc. and Dev.</i> , 6 (1):117-122 (2003) | | |
| 91. | Sanz, et al., (1996), "Malic enzyme and glucose 6-phosphate dehydrogenase gene expression increases in rat liver cirrhogenesis," <i>British J. of Cancer</i> , 75 (4):487-492 (1997) | | |
| 92. | Schuppe-Koistinen, et al., (2002), "Molecular profiling of hepatotoxicity induced by aminoguanidine carboxylate in the rat: gene expression profiling," <i>Toxicology</i> , 179 :197-219 (2002) | | |
| 93. | Steiner, et al., (2004), "Discriminating Different Classes of Toxicants by Transcript Profiling," <i>Environ. Health Perspect.</i> , 112 (12):1236-1248 (2004) | | |
| 94. | Stephan Bramow, et al., (2000), "Cholestasis and Regulation of Genes Related to Drug Metabolism and Biliary Transport in Rat Liver Following Treatment with Cyclosporine A and Sirolimus (Rapamycin)," <i>Pharmacol. & Toxicol.</i> , 89 :133-139, (2001) | | |
| 95. | Su, et al., (2002), "Gene expression during the priming phase of liver regeneration after partial hepatectomy in mice," <i>Proc. Natl. Acad. Sci. USA</i> , 99 (17):11181-11186, (2002) | | |
| 96. | Suter, et al., (2000), (Suter, L., Boelsterli, U. A., Winter, M., Crameri, F., Gasser, R., Bedoucha, M., deVera, C., and Albertini, S., "Toxicogenomics: Correlation of acetaminophen-induced hepatotoxicity with gene expression using DNA microarrays," <i>Society of Toxicogenomics Meeting</i> , (2000) | | |
| 97. | Sutter, et al., (2002), "Multiple Comparisons Model-based Clustering and Ternary Pattern Tree Numerical Display of Gene Response to Treatment: Procedure and Application to the Preclinical Evaluation of Chemopreventive Agents," <i>Mol. Cancer Therapeutics</i> , 1 :1283-1292 (2002) | | |
| 98. | Suzuki and Sudo, (1988), "Changes in Lipid Peroxidation and Activities of Xanthine Oxidase, Superoxide Dismutase and Catalase in Kidneys of Cephaloridine-Administered Rats," <i>Japan. J. Pharmacol.</i> , 49 :43-51, (1989) | | |
| 99. | T. K. Baker, et al., (2001), "Temporal Gene Expression Analysis of Monolayer Cultured Rat Hepatocytes," <i>Chem. Res. Toxicol.</i> , 14 (9): A-N (1218-1231), (2001) | | |
| 100. | T. Mansfield, et al., (2002), "Development of an in vitro Predictive Toxicogenomics Screen for the Triage of Drug Development Candidates," <i>Ann. Mtg. Of the Amer. College of Toxicol.</i> , p. 516 (Abstract only) | | |
| 101. | Tygstrup, et al., (2001), "Messenger RNA Profiles in Liver Injury and Stress: A Comparison of Lethal and Nonlethal Rat Models," <i>Biochem. And Biophys. Res. Commun.</i> , 290 (1):518-525 (2002) | | |



| INFORMATION DISCLOSURE STATEMENT | | Attorney Docket 44921-5038 | Application No. 09/917,800 |
|---|---|--|-----------------------------------|
| (Use several sheets if necessary) | | Applicant: Donna Mendrick et al. | |
| PTO Form 1449 | | Filing Date: 07/31/2001 | Group Art Unit: 1631 |
| 102. | V. Lecureur, <i>et al.</i> , (2000), "Expression and regulation of hepatic drug and bile acid transporters," <i>Toxicology</i> , 153 :203-219, (2000) | | |
| 103. | Verstrepen, <i>et al.</i> , (1992), "Altered growth factor expression during toxic proximal tubular necrosis and regeneration," <i>Kidney Int'l</i> , 43 : 1267-1279m (1993) | | |
| 104. | W. C. M. Duivenvoorden, <i>et al.</i> , (1995), "Nuclear Matrix condensation and c-myc and c-fos Expression are specifically altered in Cultured Rat Hepatocytes after Exposure to Cyproterone Acetate and Phenobarbital," <i>Biochem. And Biophys. Res. Comm.</i> , 215 (2):598-605, (1995) | | |
| 105. | W. Mattes & M. Orr, (2004), "Concordance of Toxicogenomic Predictions and Mechanistic Analysis for Compounds Tested in Both Rat Liver and Primary Rat Hepatocytes," <i>LabFusion 2004 Presentation</i> , (2004) | | |
| 106. | W. Mattes, <i>et al.</i> , (2003), "Cross-Species Analysis of Phenobarbital-Induced Gene Expression Changes in Dog and Rat," <i>Society of Toxicology Meeting 2003</i> , (2003) Abstract only | | |
| 107. | W. Mattes, <i>et al.</i> , (2004), "Cross-Species Analysis of Phenobarbital-Induced Gene Expression Changes in Dog and Rat," <i>Society of Toxicology Meeting 2004</i> , (2004) | | |
| 108. | Waring, <i>et al.</i> , (2002), "Development of a DNA Microarray for Toxicology Bases on Hepatotoxin-Regulated Sequences," <i>Environ. Health Perspect.</i> , 111 : 863-870 (2003) | | |
| 109. | Xu, <i>et al.</i> , (2003), "Effects of estradiol on liver estrogen receptor- α and its mRNA expression in hepatic fibrosis in rats," <i>World J. Gastroenterol</i> , 10 (2): 250-254 (2004) | | |
| 110. | Y. Hamaya, <i>et al.</i> , (2000), "The Effects of Pentobarbital, Isoflurane, and Propofol on Immediate-Early Gene Expression in the Vital Organs of the Rat," <i>Anesth. Analg.</i> , 90 :1177-1183, (2000) | | |
| 111. | Y. Tu, <i>et al.</i> , (2002), "Quantitative noise analysis for gene expression microarray experiments," <i>Proc. Natl. Acad. Sci. USA</i> , 99 (22):14031-14036, (2002) | | |
| 112. | Zeeberg, <i>et al.</i> , (2002), Software "GoMiner: a resource for biological interpretation of genomic and proteomic data," <i>Genome Biology</i> , 4 :R28: 1-8, (2003) | | |
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